About IABG

We are a closely networked business group and offer integrated, future-oriented solutions in the sectors Automotive • InfoCom • Mobility, Energy & Environment • Aeronautics • Space • Defence & Security. We understand the requirements of our customers and support them independently and competently. We implement effectively, efficiently and with target orientation. We operate reliably and sustainably. Our international market presence and our success are based on technological excellence and a fair relationship to our customers and business partners.

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Cover picture: fire test on a CFRP-tank
IABG provides a full service for fire and flammability testing on:

- Structures and components exposed to fire, pressure or heat

Fire tests:

- According to international specification standards, e.g. IEC 60695, JAR §25.869, RTCA/DO-160G, UL 94 HB, DIN EN 45545, or customer specific requirements
- Local or global firing
- Freely adjustable temperature gradation
- Complete instrumentation with temperature and pressure sensors or strain gauges
- Test specimen, such as hydrogen, helium and nitrogen tanks, can be pressurized with different mediums
- The tests are monitored by high speed video and a thermal imaging camera

Flammability tests:

- According to international specification standards, e.g. IEC 60695, JAR §25.869, RTCA/DO-160G, UL 94 HB, DIN EN 45545, or customer specific requirements

Why you should rely on us:

We are a neutral company helping our customers meet mandatory fire and flammability test regulations. We provide insights how test objects react in worst case scenarios along with analyses of their potential weaknesses. According to the test results, we issue certifications that enable market access and facilitate sales.

IABG Sites:

- Lathen: Maglev Test Facility
- Letzlingen: Training Support
- Lichtenau: Protection, Impact & High Risk Testing
- Bonn: ITC Systems
- Huntsville: Defence Systems
- Dresden: Structural Airframe Testing
- Geodata Factory
- Oberpfaffenhofen: Flight Tests
- Noordwijk: Space Tests
- Noordwijk: Structural & Vehicle Testing
- Orange: Structural & Vehicle Testing
- Stuttgart: Space Testing
- Berlin: Flight Support
- Koblenz: Fire Testing